

#8
0300

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/924,647

DATE: 04/11/2002
TIME: 13:51:26

Input Set : A:\P1219P3.txt
Output Set: N:\CRF3\04112002\I924647.raw

3 <110> APPLICANT: Adams, Sean
 4 Goddard, Audrey
 5 Gurney, Austin L
 6 Stewart, Timothy A.
 7 Tomlinson, Elizabeth
 8 Yu, Xing Xian
 10 <120> TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR-19 (FGF-19) NUCLEIC ACIDS AND
 11 POLYPEPTIDES AND METHODS FOR THE TREATMENT OF OBESITY
 12 AND RELATED DISORDERS
 14 <130> FILE REFERENCE: P1219P3
 16 <140> CURRENT APPLICATION NUMBER: US 09/924,647
 C--> 17 <141> CURRENT FILING DATE: 2002-04-01
 19 <150> PRIOR APPLICATION NUMBER: US 60/066,840
 20 <151> PRIOR FILING DATE: 1997-11-25
 22 <150> PRIOR APPLICATION NUMBER: US 09/767,609
 23 <151> PRIOR FILING DATE: 2001-01-22
 25 <150> PRIOR APPLICATION NUMBER: US 09/158,342
 26 <151> PRIOR FILING DATE: 1998-09-21
 28 <150> PRIOR APPLICATION NUMBER: PCT/US98/25190
 29 <151> PRIOR FILING DATE: 1998-11-25
 31 <150> PRIOR APPLICATION NUMBER: US 09/522,342
 32 <151> PRIOR FILING DATE: 2000-03-09
 34 <150> PRIOR APPLICATION NUMBER: US 09/284,663
 35 <151> PRIOR FILING DATE: 1999-04-15
 37 <150> PRIOR APPLICATION NUMBER: PCT/US99/20594
 38 <151> PRIOR FILING DATE: 1999-09-08
 40 <150> PRIOR APPLICATION NUMBER: PCT/US99/21090
 41 <151> PRIOR FILING DATE: 1999-09-15
 43 <150> PRIOR APPLICATION NUMBER: PCT/US99/30999
 44 <151> PRIOR FILING DATE: 1999-12-20
 46 <150> PRIOR APPLICATION NUMBER: PCT/US00/04414
 47 <151> PRIOR FILING DATE: 2000-02-22
 49 <160> NUMBER OF SEQ ID NOS: 20
 51 <210> SEQ ID NO: 1
 52 <211> LENGTH: 2137
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Homo sapiens
 56 <400> SEQUENCE: 1
 57 gctcccgagcc aagaacctcg ggccgcgtgc gcgggtgggaa ggagttcccc 50
 59 gaaacccggc cgctaagcga ggcctcctcc tcccgcaagat ccgaacggcc 100
 61 tggcggggtt caccggcgct gggacaagaa gccgcccgcct gcctgcccgg 150
 63 gccccgggag ggggtgggg ctggggccgg aggccgggtg tgagtgggtg 200
 65 tgtgcgggggg gcgaggctt gatgcaatcc cgataagaaa tgctcggtg 250

ENTERED

RAW SEQUENCE LISTING DATE: 04/11/2002
PATENT APPLICATION: US/09/924,647 TIME: 13:51:26

Input Set : A:\P1219P3.txt
Output Set: N:\CRF3\04112002\I924647.raw

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/924,647

DATE: 04/11/2002
TIME: 13:51:26

Input Set : A:\P1219P3.txt
Output Set: N:\CRF3\04112002\I924647.raw

158 His Leu Tyr Thr Ser Gly Pro His Gly Leu Ser Ser Cys Phe Leu
159 50 55 60
161 Arg Ile Arg Ala Asp Gly Val Val Asp Cys Ala Arg Gly Gln Ser
162 65 70 75
164 Ala His Ser Leu Leu Glu Ile Lys Ala Val Ala Leu Arg Thr Val
165 80 85 90
167 Ala Ile Lys Gly Val His Ser Val Arg Tyr Leu Cys Met Gly Ala
168 95 100 105
170 Asp Gly Lys Met Gln Gly Leu Leu Gln Tyr Ser Glu Glu Asp Cys
171 110 115 120
173 Ala Phe Glu Glu Glu Ile Arg Pro Asp Gly Tyr Asn Val Tyr Arg
174 125 130 135
176 Ser Glu Lys His Arg Leu Pro Val Ser Leu Ser Ser Ala Lys Gln
177 140 145 150
179 Arg Gln Leu Tyr Lys Asn Arg Gly Phe Leu Pro Leu Ser His Phe
180 155 160 165
182 Leu Pro Met Leu Pro Met Val Pro Glu Glu Pro Glu Asp Leu Arg
183 170 175 180
185 Gly His Leu Glu Ser Asp Met Phe Ser Ser Pro Leu Glu Thr Asp
186 185 190 195
188 Ser Met Asp Pro Phe Gly Leu Val Thr Gly Leu Glu Ala Val Arg
189 200 205 210
191 Ser Pro Ser Phe Glu Lys
192 215
194 <210> SEQ ID NO: 3
195 <211> LENGTH: 26
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
199 <220> FEATURE:
200 <223> OTHER INFORMATION: Primer_bind
202 <400> SEQUENCE: 3
203 atccggccag atggctacaa tgtgtta 26
205 <210> SEQ ID NO: 4
206 <211> LENGTH: 22
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Primer_bind
213 <400> SEQUENCE: 4
214 ccagtccgggt gacaagccca aa 22
216 <210> SEQ ID NO: 5
217 <211> LENGTH: 42
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Synthetic oligonucleotide probe
224 <400> SEQUENCE: 5
225 gcctccgggt ctccctgagc agtgccaaac agcggcagtg ta 42
227 <210> SEQ ID NO: 6

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/924,647

DATE: 04/11/2002
TIME: 13:51:26

Input Set : A:\P1219P3.txt
Output Set: N:\CRF3\04112002\I924647.raw

228 <211> LENGTH: 19
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Primer_bind
235 <400> SEQUENCE: 6
236 ctccaacatg ccctatgcg 19
238 <210> SEQ ID NO: 7
239 <211> LENGTH: 21
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Primer_bind
246 <400> SEQUENCE: 7
247 acgaagagca tcacaaggag g 21
249 <210> SEQ ID NO: 8
250 <211> LENGTH: 30
251 <212> TYPE: DNA
252 <213> ORGANISM: Artificial Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Synthetic oligonucleotide probe
257 <400> SEQUENCE: 8
258 tgctctcc tcccgtctcc ttctaccc 30
260 <210> SEQ ID NO: 9
261 <211> LENGTH: 20
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Primer_bind
268 <400> SEQUENCE: 9
269 ctccgctctg cgacactaca 20
271 <210> SEQ ID NO: 10
272 <211> LENGTH: 21
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Primer_bind
279 <400> SEQUENCE: 10
280 aatcagtgtc tcagggctgg a 21
282 <210> SEQ ID NO: 11
283 <211> LENGTH: 32
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Synthetic oligonucleotide probe
290 <400> SEQUENCE: 11
291 caatctcatc accagacaga gatatggcaa ga 32
293 <210> SEQ ID NO: 12
294 <211> LENGTH: 20

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/924,647

DATE: 04/11/2002

TIME: 13:51:26

Input Set : A:\P1219P3.txt

Output Set: N:\CRF3\04112002\I924647.raw

295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Primer_bind
301 <400> SEQUENCE: 12
302 gctagatcca cagaaccgcg 20
304 <210> SEQ ID NO: 13
305 <211> LENGTH: 19
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Primer_bind
312 <400> SEQUENCE: 13
313 agcaggactc gtgcagcct 19
315 <210> SEQ ID NO: 14
316 <211> LENGTH: 23
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: Synthetic Oligonucleotide probe
323 <400> SEQUENCE: 14
324 tctcgtttc cgcgtcgctg tgt 23
326 <210> SEQ ID NO: 15
327 <211> LENGTH: 20
328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:
332 <223> OTHER INFORMATION: Primer_bind
334 <400> SEQUENCE: 15
335 ggtgaagggtg taccccaacg 20
337 <210> SEQ ID NO: 16
338 <211> LENGTH: 20
339 <212> TYPE: DNA
340 <213> ORGANISM: Artificial Sequence

342 <220> FEATURE:
343 <223> OTHER INFORMATION: Primer_bind
345 <400> SEQUENCE: 16
346 ccttccagct cccttggaa 20
348 <210> SEQ ID NO: 17
349 <211> LENGTH: 23
350 <212> TYPE: DNA
351 <213> ORGANISM: Artificial Sequence
353 <220> FEATURE:
354 <223> OTHER INFORMATION: Synthetic oligonucleotide probe
356 <400> SEQUENCE: 17
357 agaacgagtc ggcggaggcc ttt 23
359 <210> SEQ ID NO: 18
360 <211> LENGTH: 19
361 <212> TYPE: DNA

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/924,647

DATE: 04/11/2002

TIME: 13:51:27

Input Set : A:\P1219P3.txt

Output Set: N:\CRF3\04112002\I924647.raw

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date